



SR 520 Tolling: Traffic Monitoring

Friday, January 06, 2012

Baseline data: M-F, 10/29-11/18 & 11/26-12/16

Daily Volume:

% change
1/6/2012
baseline

SR 520 Bridge

-38%
62,700
101,100

I-90 Bridge

14%
157,300
137,900

Cross-lake Total I-90, SR 520, SR 522

-5%
266,100
279,700

SR 522 at 68th Ave NE

13%
46,100
40,700

Traffic Summary:

Traffic volume on the SR 520 bridge was down 38% compared to a typical weekday. However, this is the highest daily volume since tolling began. I-90 volume was up by 14% and SR 522 volume was up by 13%. Total cross-lake volume on SR 520, I-90 and SR 522 was down 5%. Travel time across SR 520 was much faster than usual except for eastbound during the evening commute, when it was within the normal range. I-90 travel time was much longer than usual westbound in the morning and both directions in the evening. SR 522 travel time was up to 5 minutes longer than usual in both directions in the evening. Southbound I-5 between Lynnwood and Seattle had a travel time of over 60 minutes from 3:00 to 6:30 pm, which is much longer than usual.

Major Incidents:

- Collision on I-5 NB at S 272nd St blocking 1 lane from 7:11 to 7:14 am
- Disabled vehicle on I-5 SB Express Lanes at Ship Canal Br blocking 1 lane from 7:37 to 8:11 am
- Collision on I-405 SB at W Valley Hwy blocking 1 lane from 8:01 to 9:16 am
- Collision on I-405 SB at SE 8th St blocking 1 lane from 1:07 to 1:22 pm
- Collision on I-5 SB at James St blocking 2 lanes from 2:57 to 3:14 pm
- Disabled vehicle on I-5 NB Express Lanes at Mercer St blocking 1 lane from 3:57 to 4:13 pm
- Collision on I-5 NB at 41st St blocking 2 lanes from 5:21 to 5:38 pm
- Collision on SR 169 NB & SB at SE Green Valley Rd blocking all lanes from 5:57 to 6:31 pm
- Disabled vehicle on I-5 SB at NE 130th St blocking 1 lane from 6:33 to 6:46 pm
- Collision on I-5 SB at 128th St SW blocking 1 lane from 6:45 to 6:54 pm
- Collision on I-405 SB at NE 44th St blocking 1 lane from 6:56 to 7:10 pm
- Collision on I-5 SB at SR 18 blocking 1 lane from 6:49 to 7:11 pm
- Collision on I-5 NB at S 260th St blocking 1 lane from 7:33 to 7:41 pm
- Collision on SR 539 NB at Main St blocking all lanes from 7:29 to 8:04 pm
- Collision on SR 520 WB at Montlake blocking 1 lane from 10:11 to 11:01 pm
- Collision on I-5 SB at Albro Pl blocking 2 lanes from 11:31 to 11:37 pm

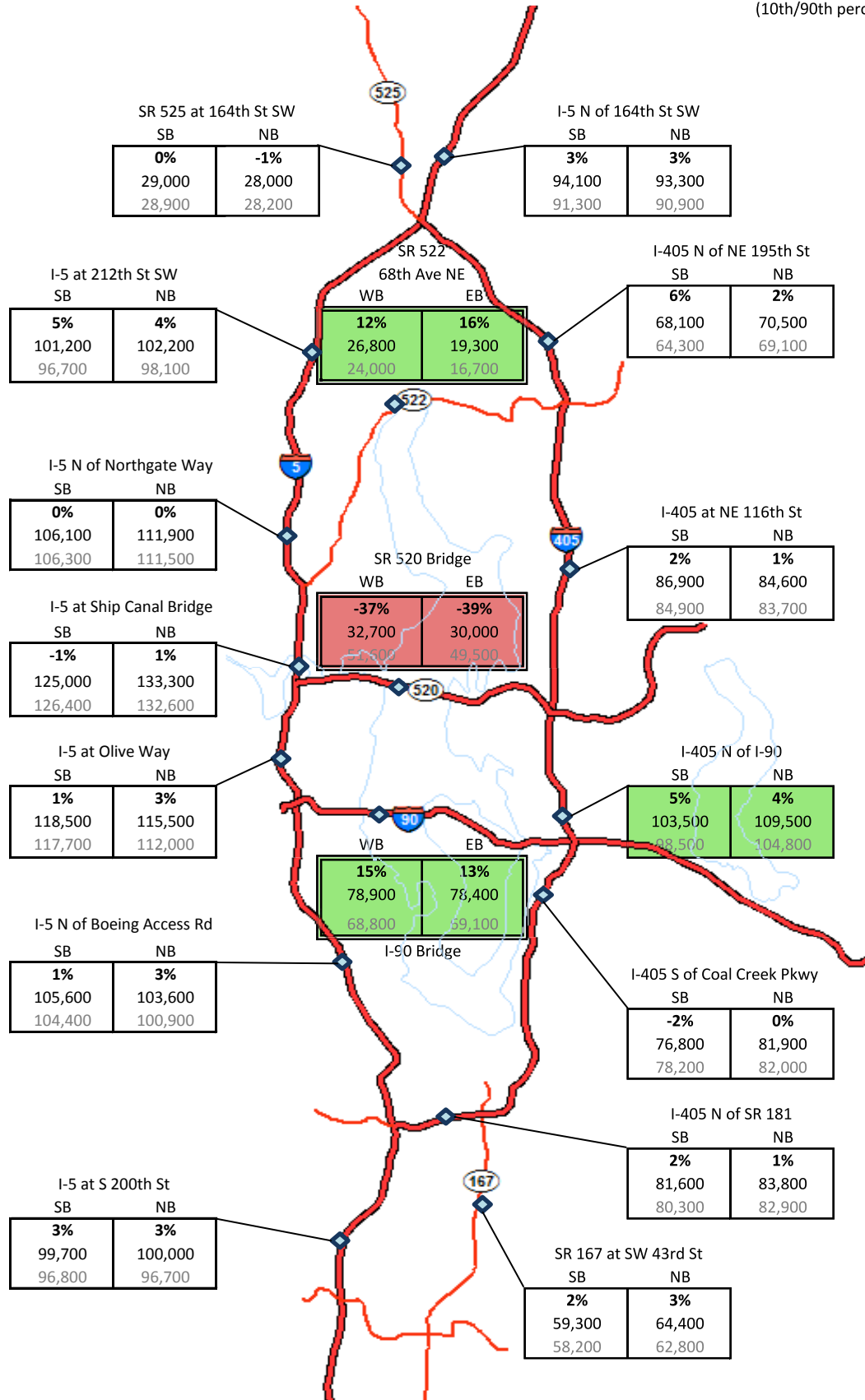
Special Events:

Key Arena event at 7:30 pm - Joel Osteen

SR 520 Tolling: Traffic Monitoring
Daily Mainline Volumes
Friday, January 06, 2012

Base data: M-F, 10/29-11/18 & 11/26-12/16

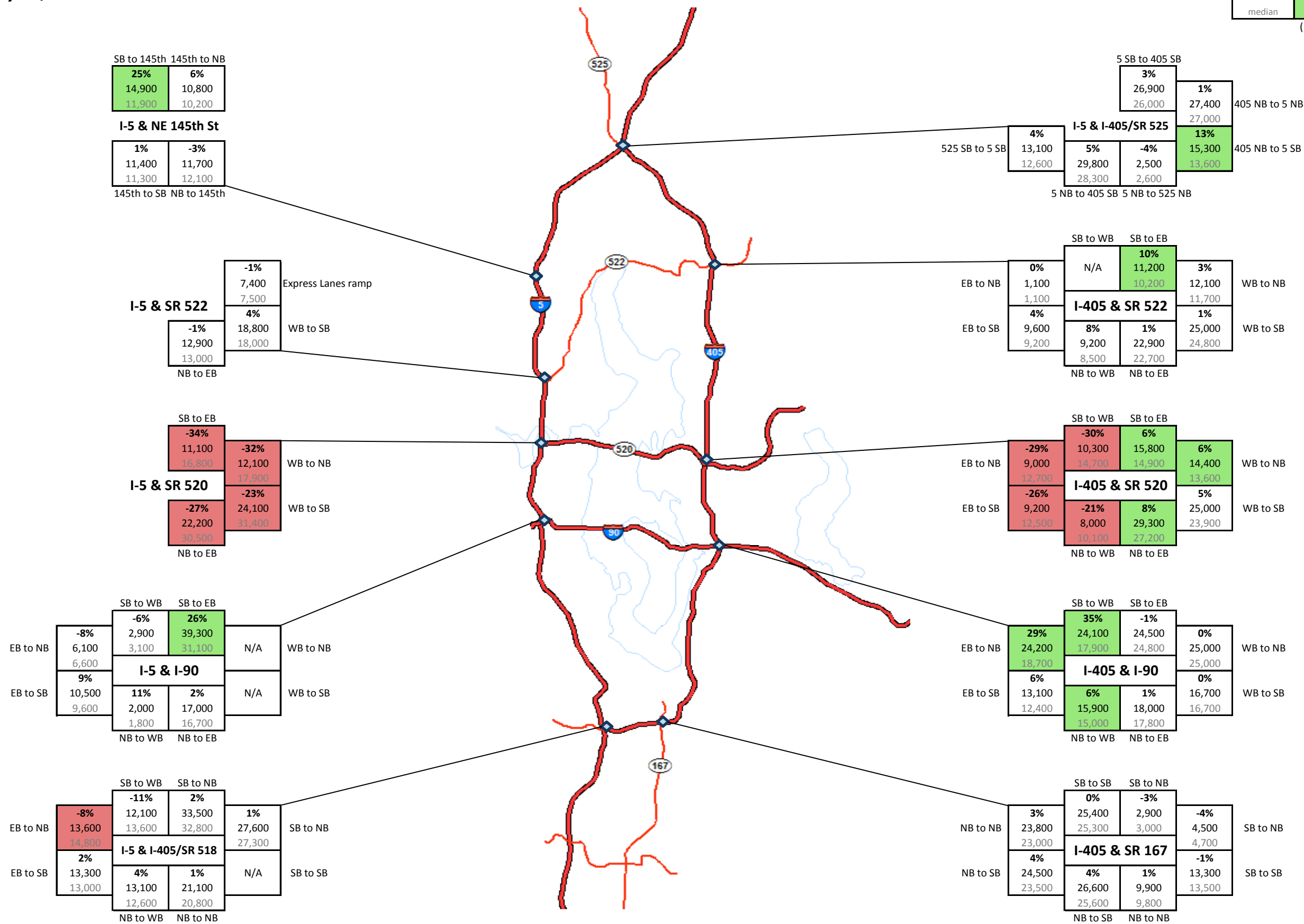
% change 1/6/2012 median	above range of typical variation	below range of typical variation
	(10th/90th percentile)	



SR 520 Tolling: Traffic Monitoring
Daily Interchange Volumes
Friday, January 06, 2012

Base data: M-F, 10/29-11/18 & 11/26-12/16

% change	above range	below range
1/6/2012	of typical	of typical
median	variation	variation
	(10th/90th percentile)	



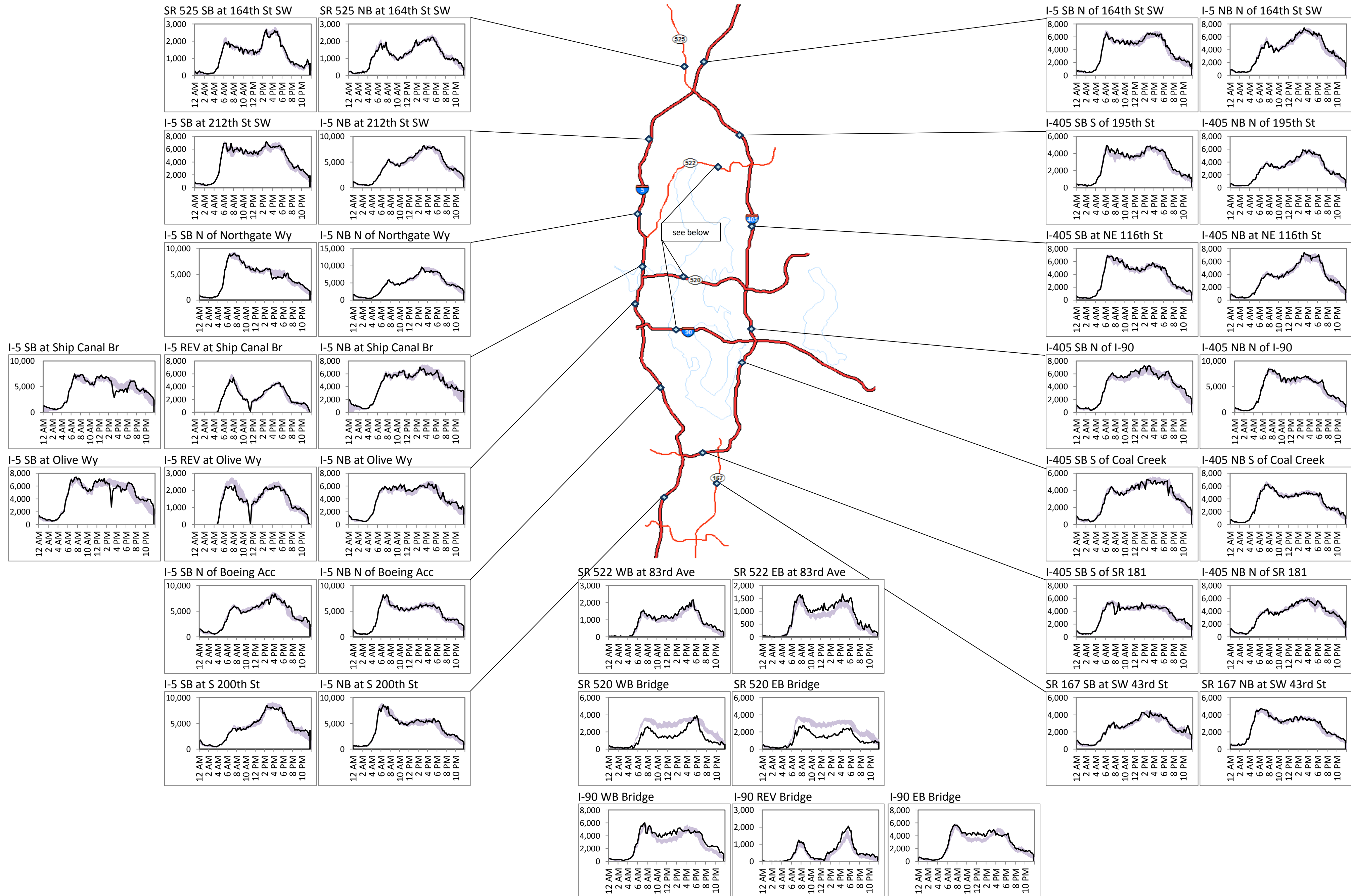
SR 520 Tolling: Traffic Monitoring

Hourly Mainline Volumes

Friday, January 6, 2012

— Friday, January 6, 2012

■ Typical Range (10-90%ile, M-F, 10/29-11/18 & 11/26-12/16)



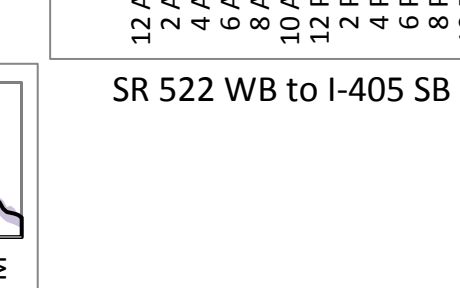
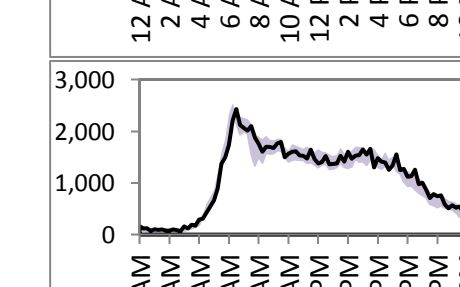
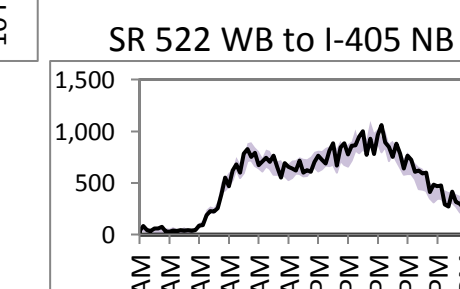
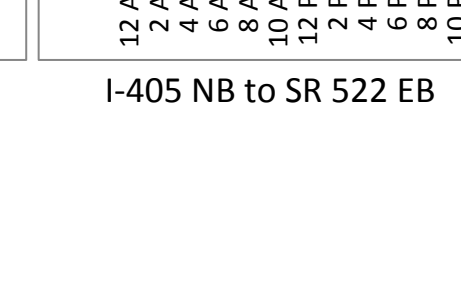
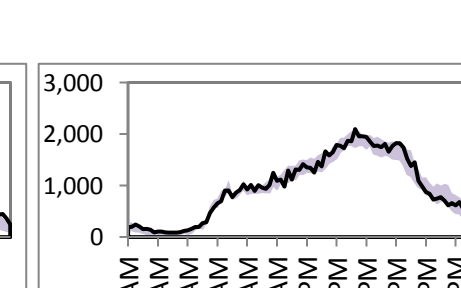
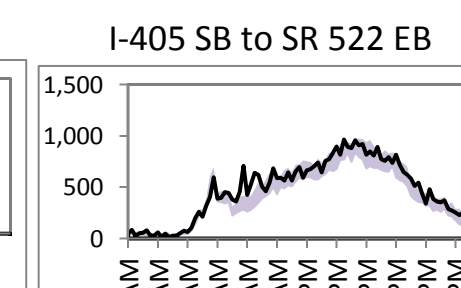
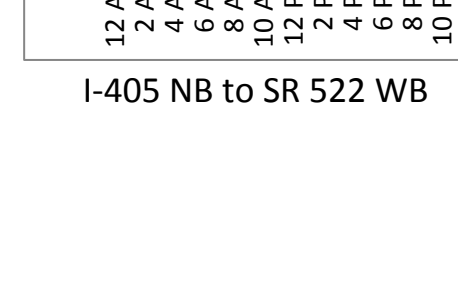
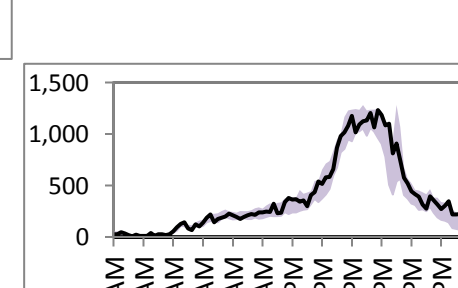
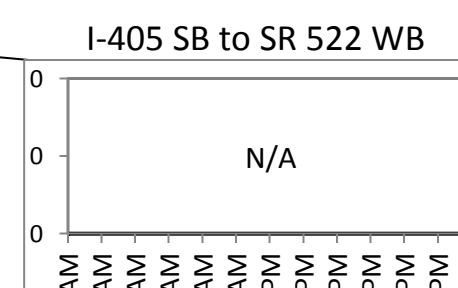
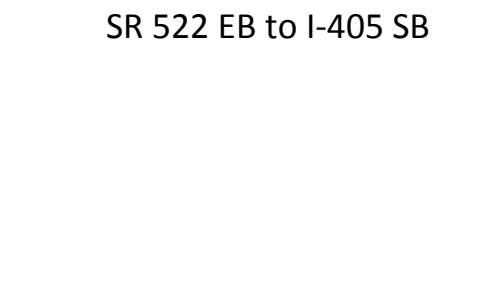
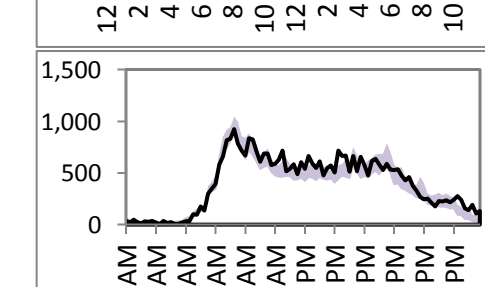
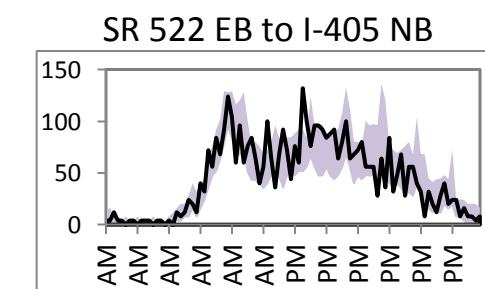
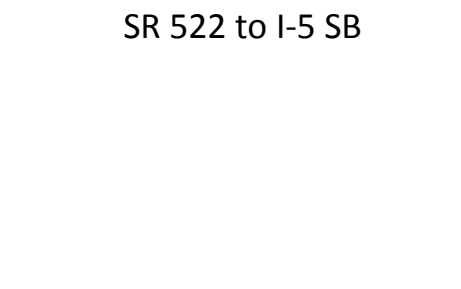
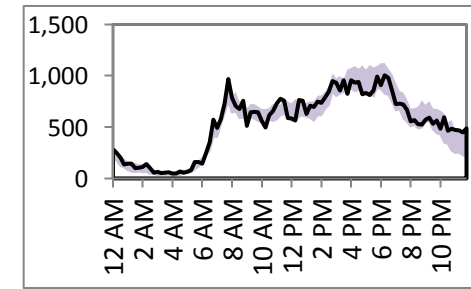
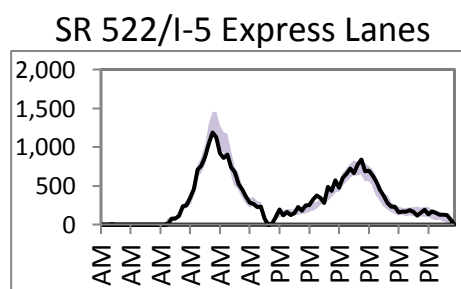
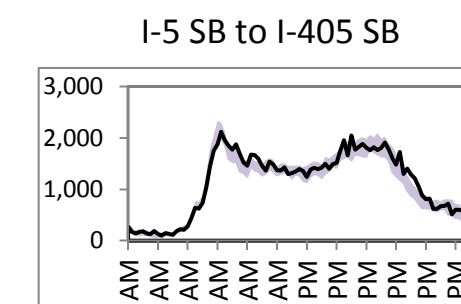
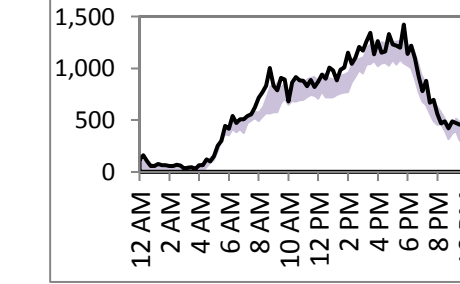
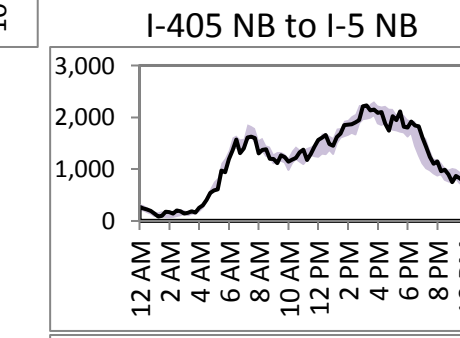
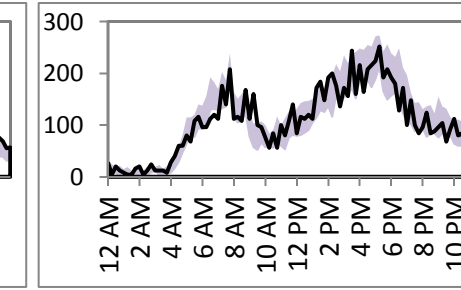
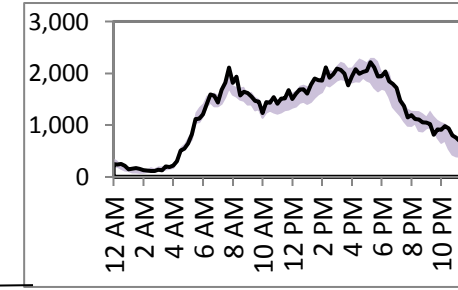
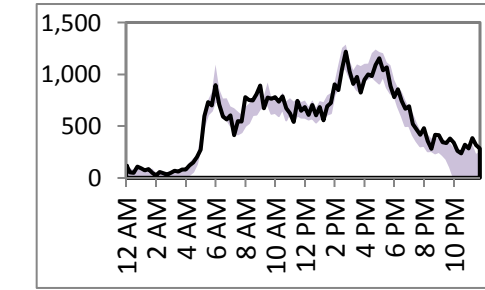
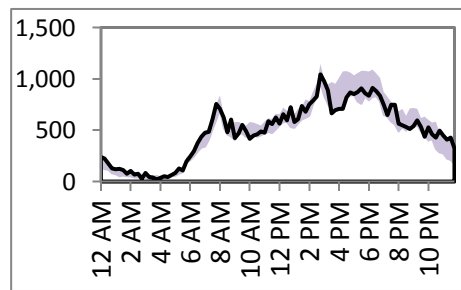
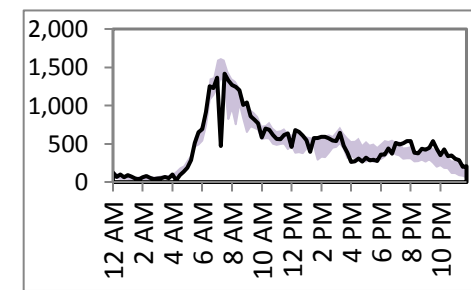
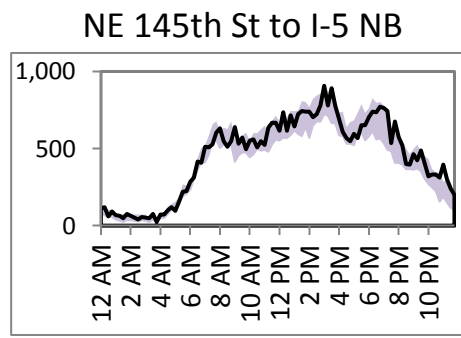
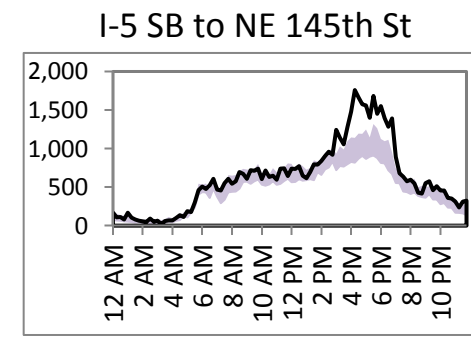
SR 520 Tolling: Traffic Monitoring

Hourly Interchange Volumes

Friday, January 6, 2012

— Friday, January 6, 2012

■ Typical Range (10-90%ile, M-F, 10/29-11/18 & 11/26-12/16)



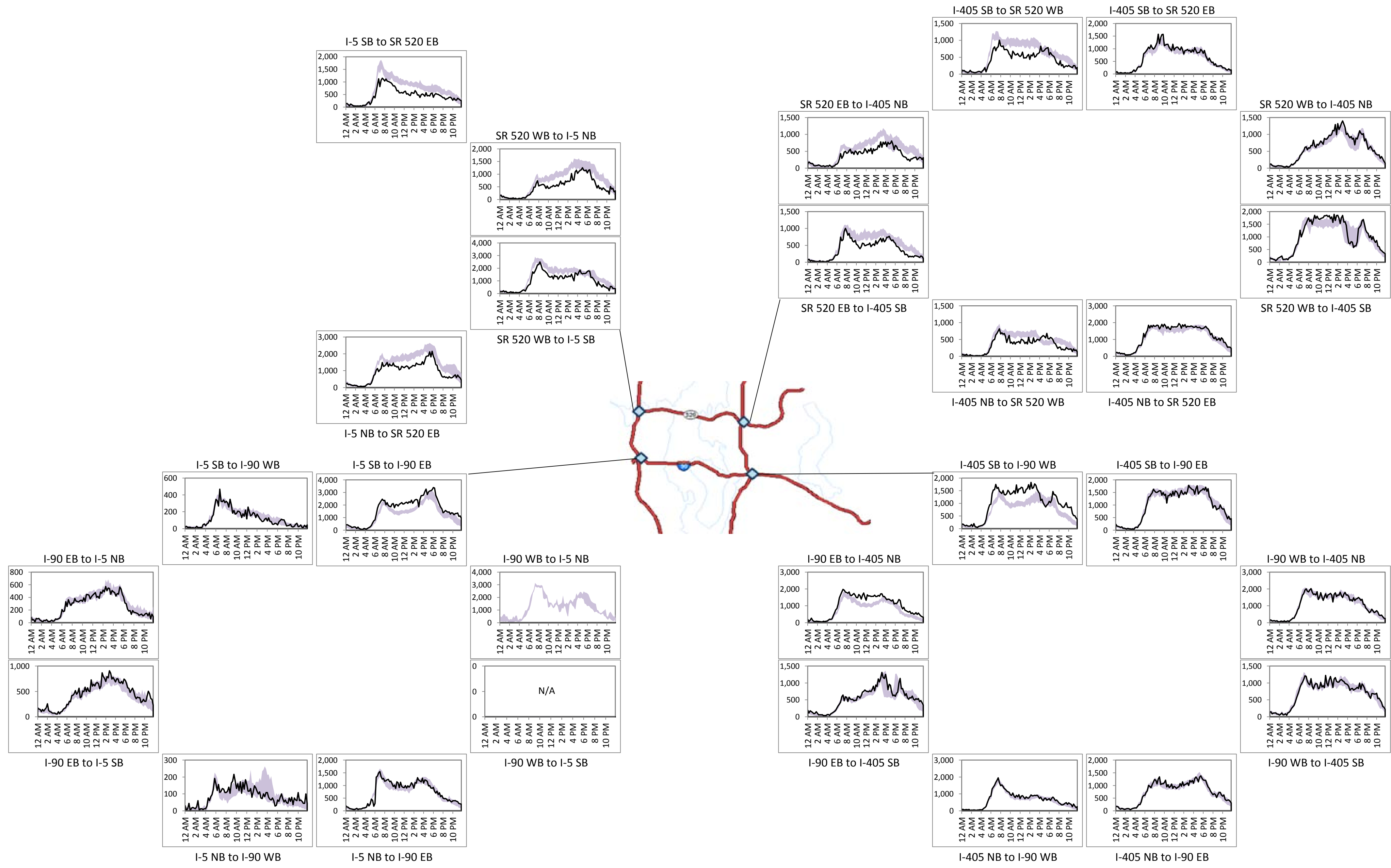
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SR 520 Tolling: Traffic Monitoring

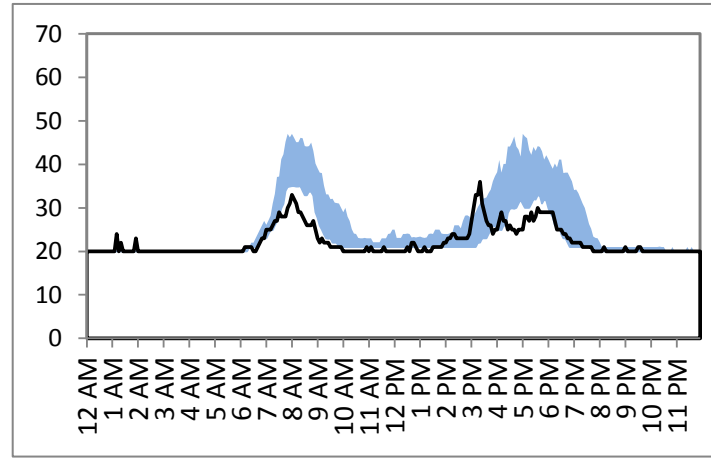
Travel Times

Friday, January 6, 2012

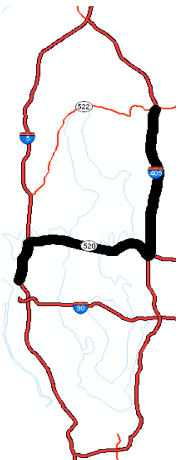
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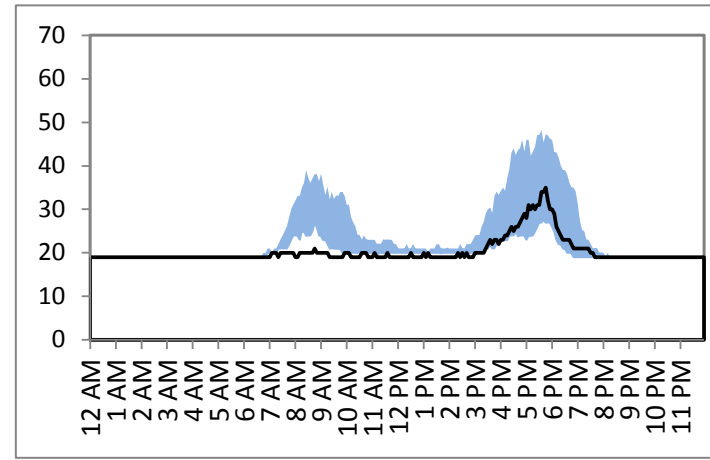
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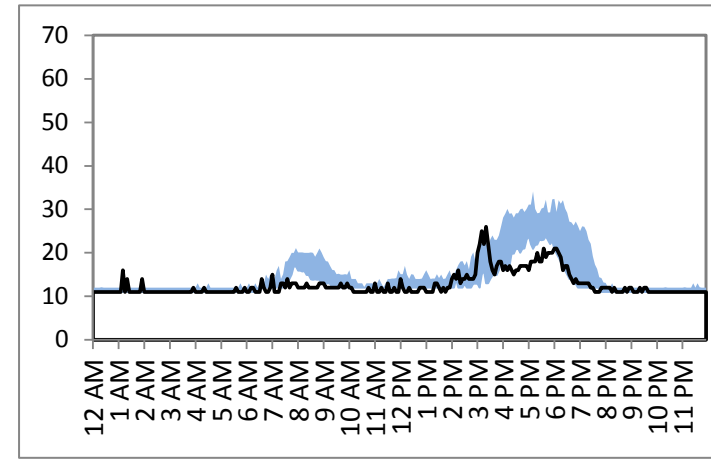
via 520



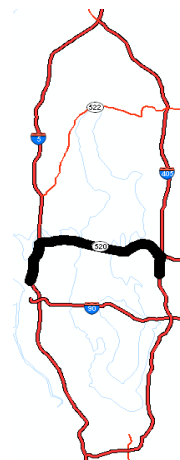
Seattle to Woodinville



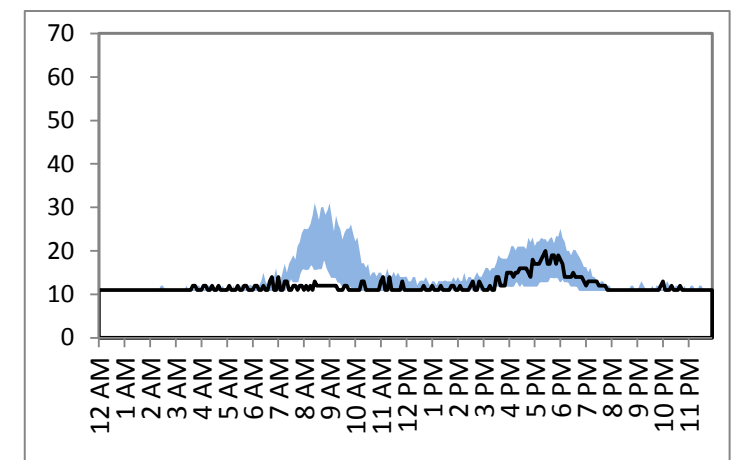
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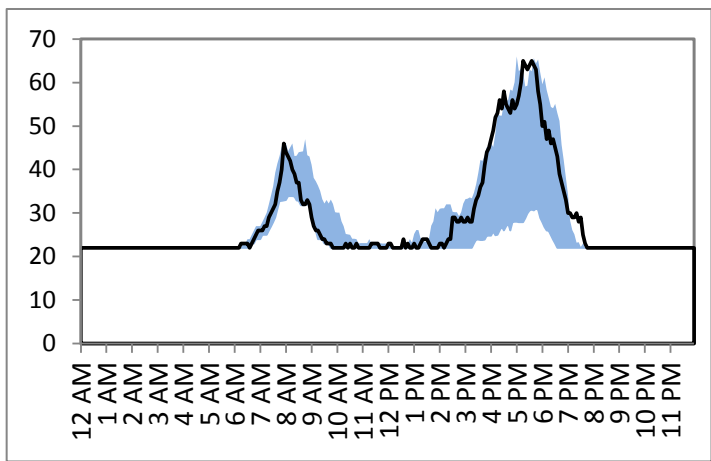
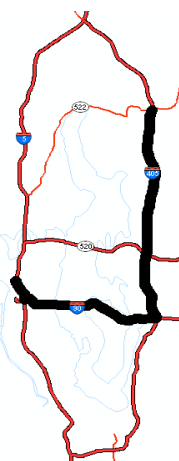
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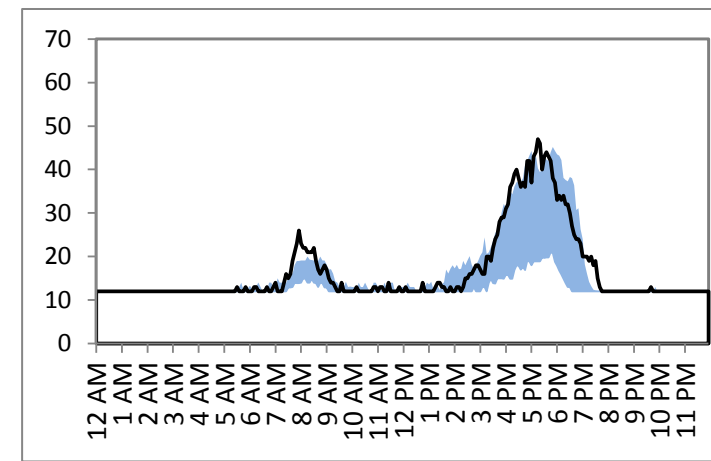
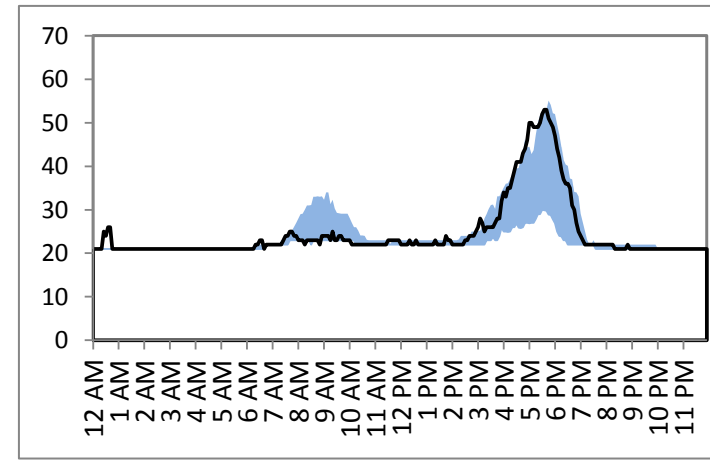
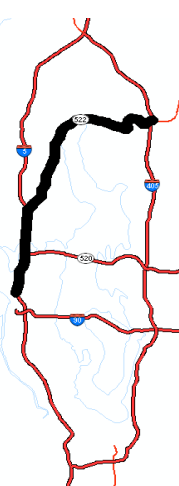
Seattle to Bellevue



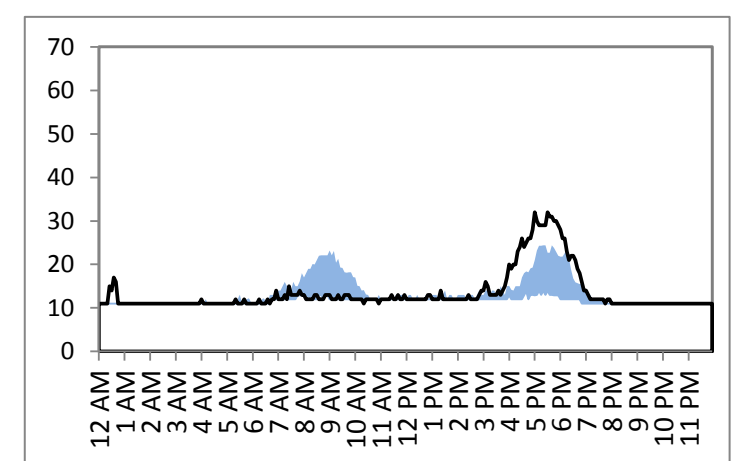
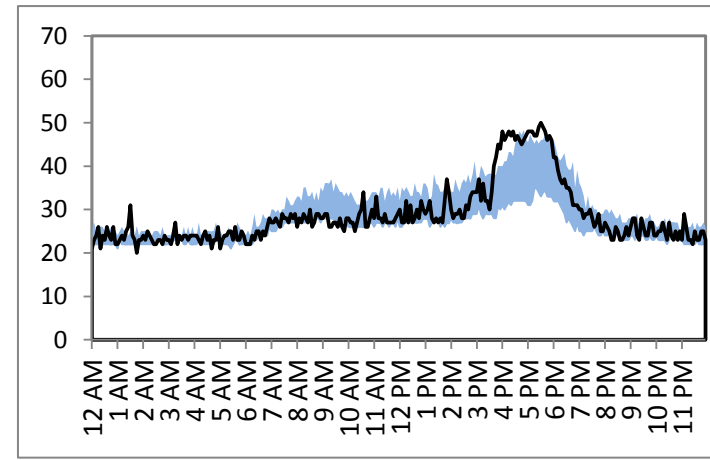
via I-90



via SR 522



via I-90



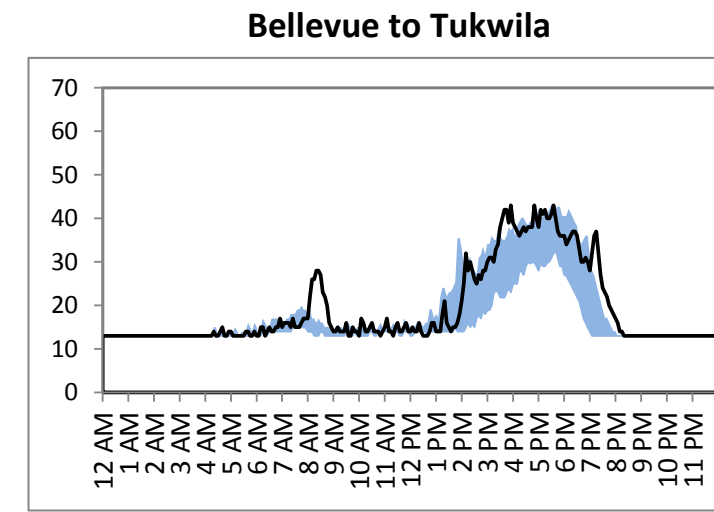
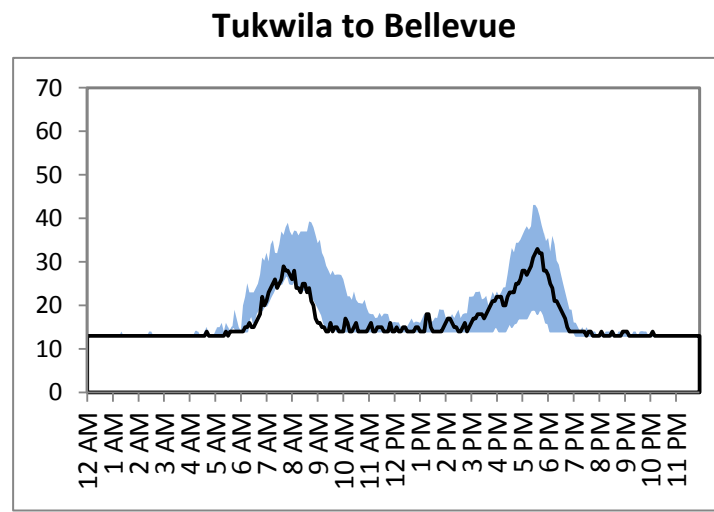
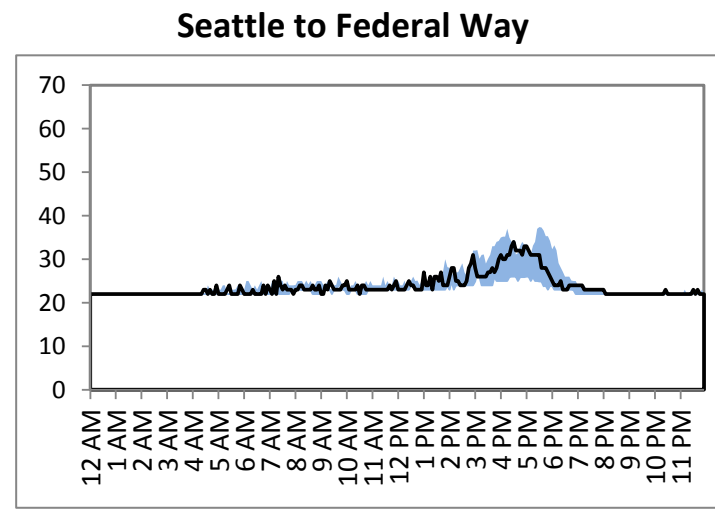
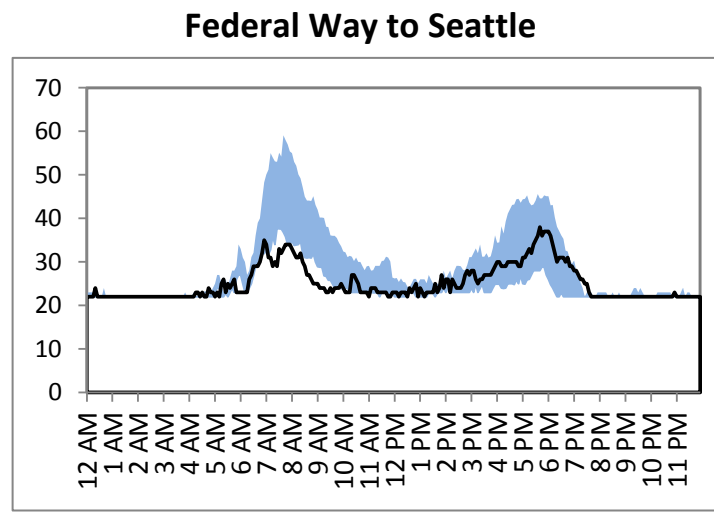
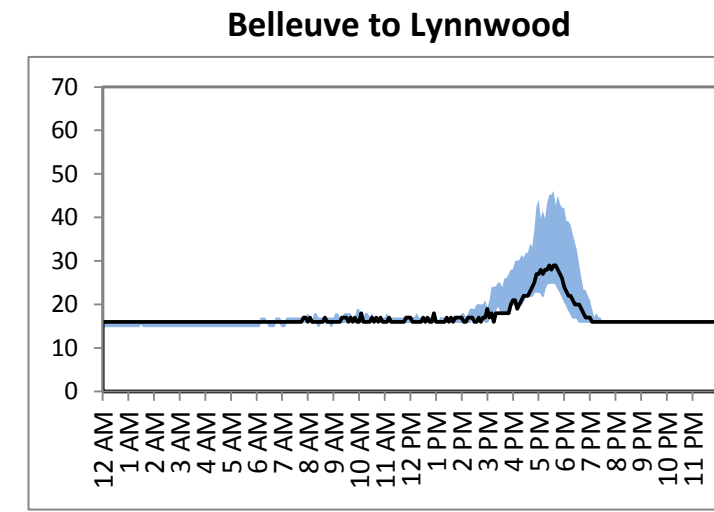
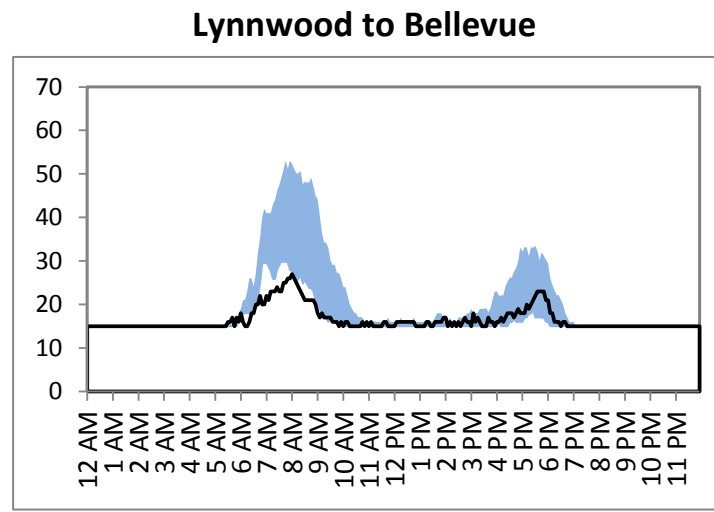
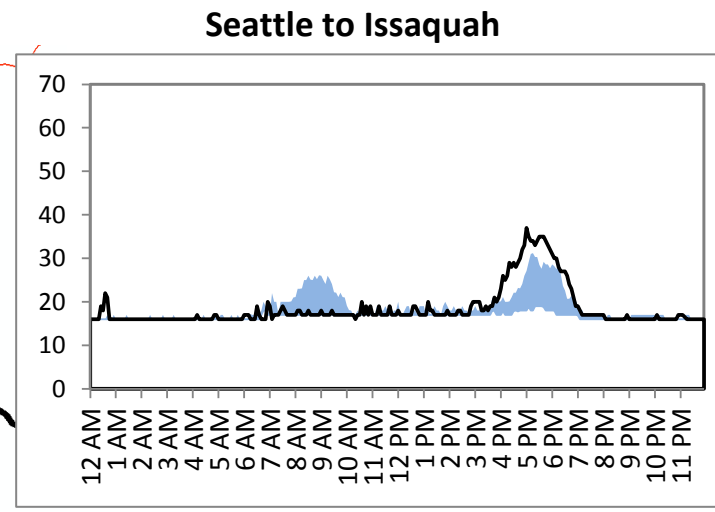
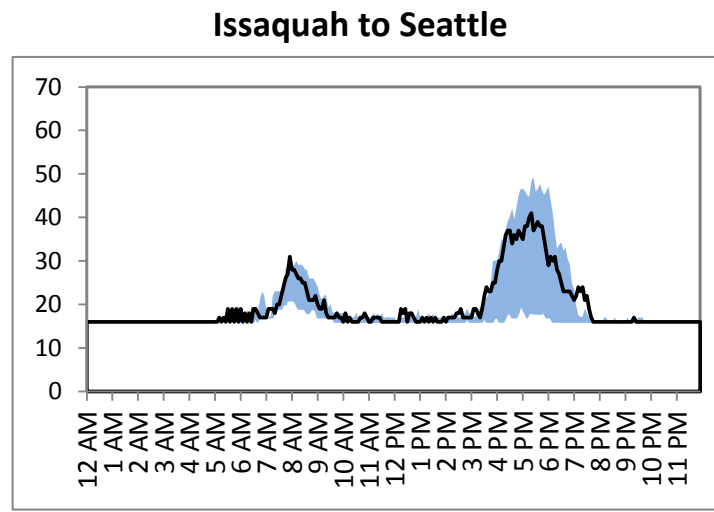
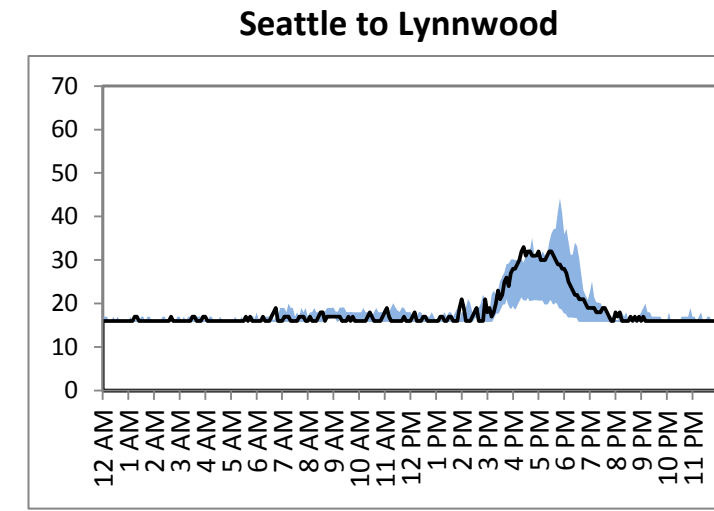
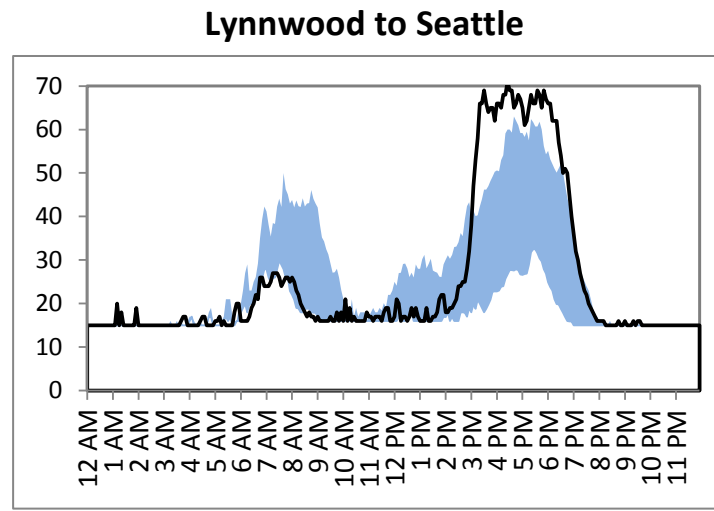
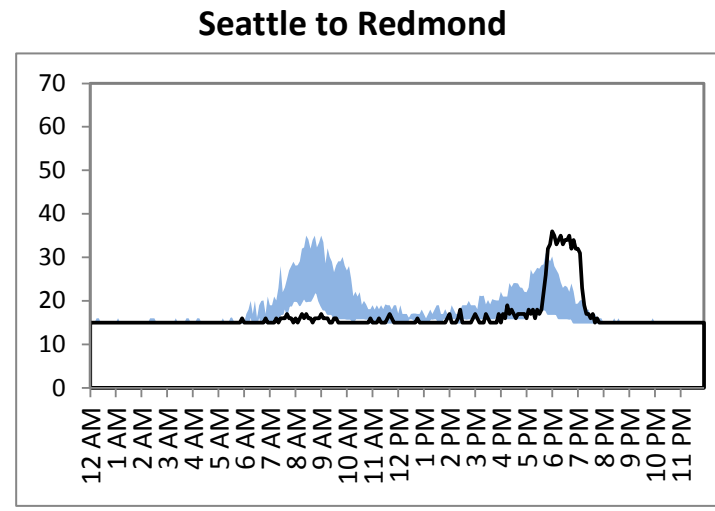
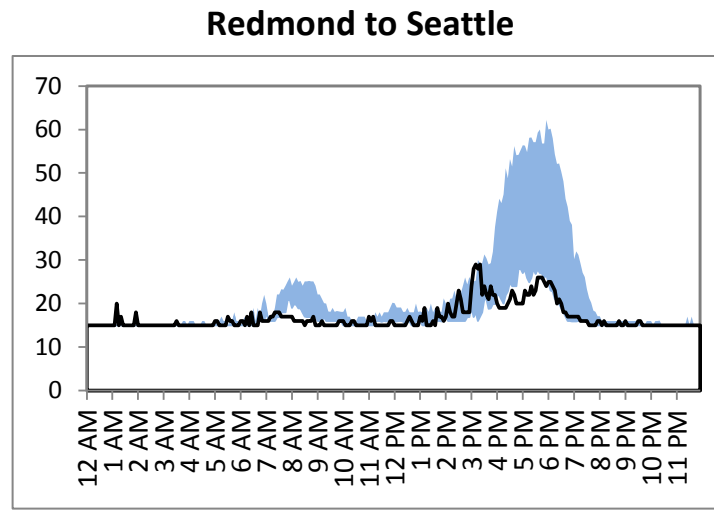
SR 520 Tolling: Traffic Monitoring

Travel Times

Friday, January 6, 2012

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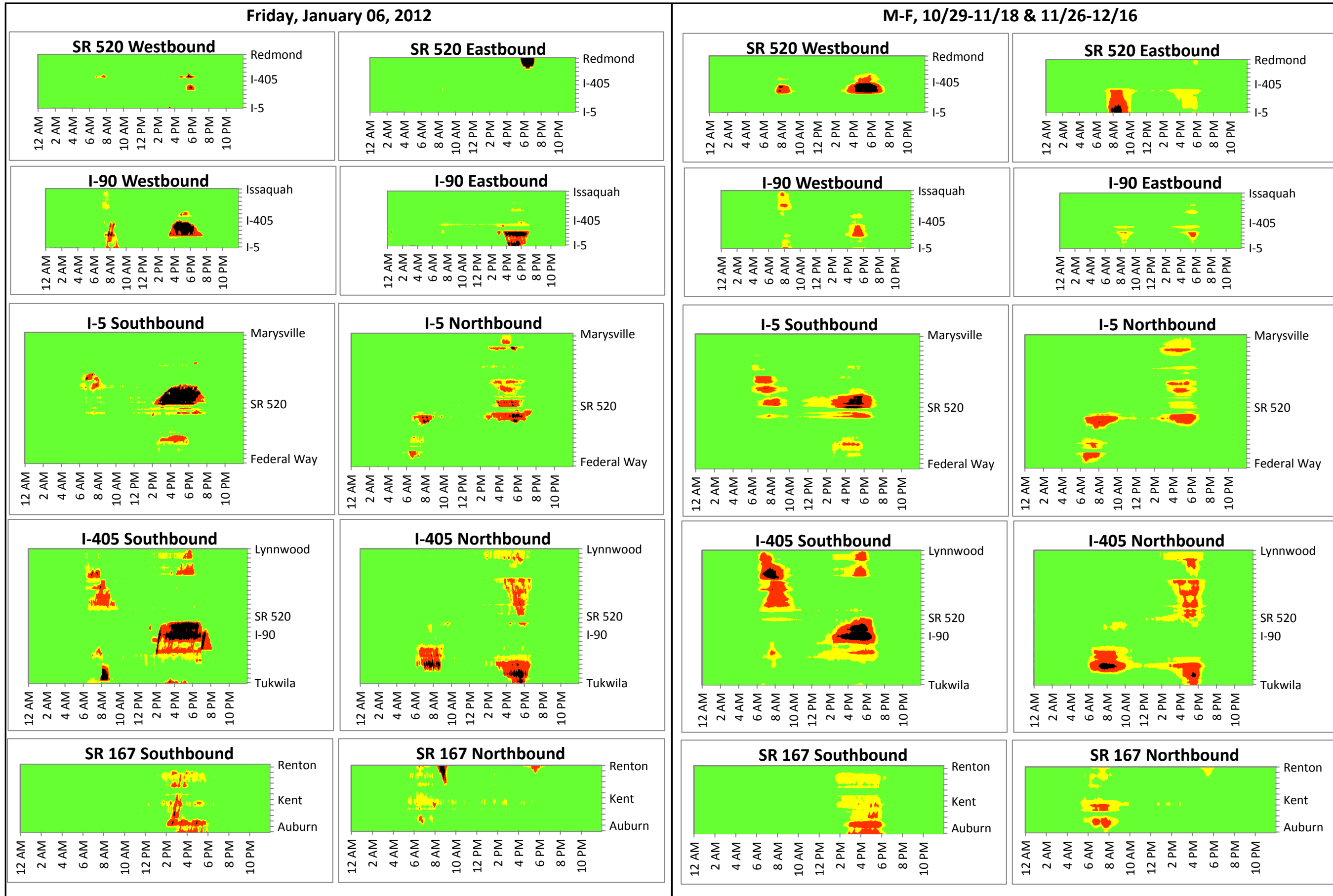


SR 520 Tolling: Traffic Monitoring

Congestion Contours

Friday, January 6, 2012

- free flow
- moderate
- heavy
- stop and go



SR 520 Tolling: Traffic Monitoring

SR 520 Detail

Friday, January 6, 2012

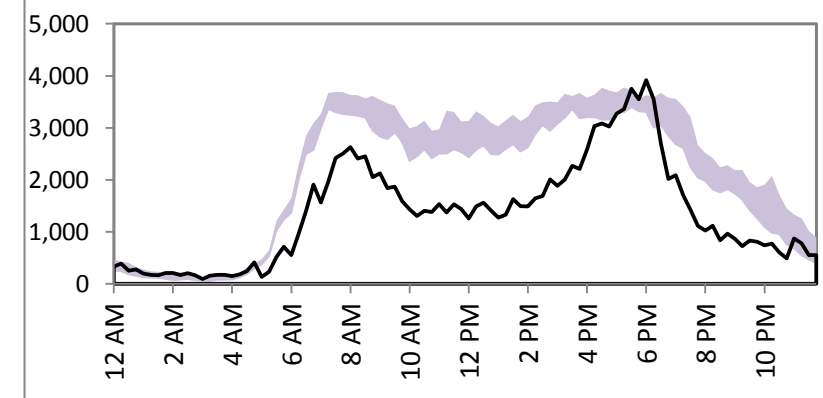
Mainline Volume



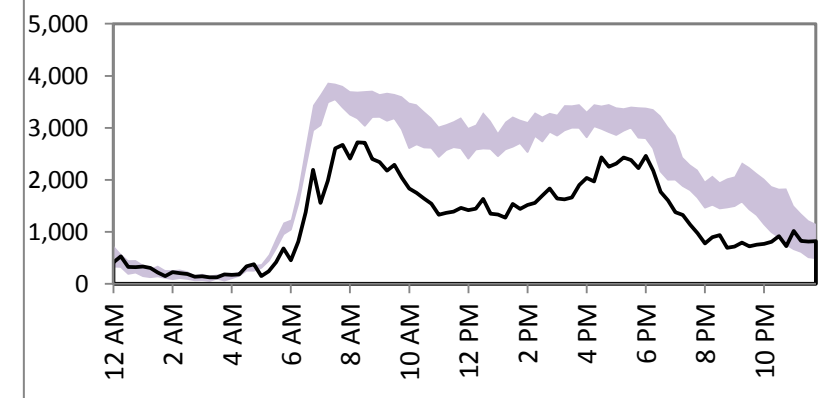
SR 520 Bridge

WB	EB
-37%	-39%
32,700	30,000
51,600	49,500

SR 520 WB Bridge



SR 520 EB Bridge



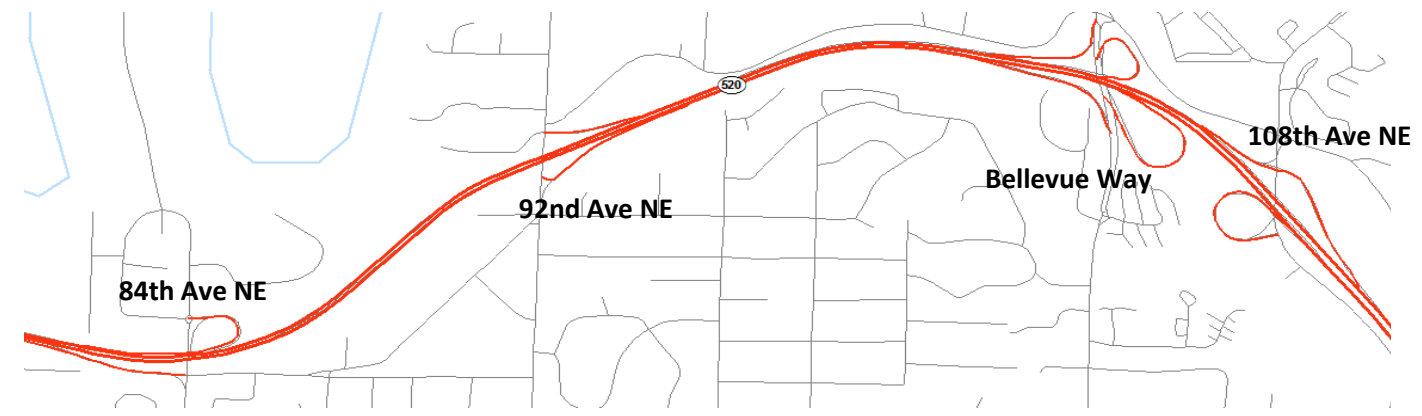
Ramp Volume

Montlake Blvd		Lk Wa Blvd
WB on ramp	WB exit	WB exit
8%	-33%	-34%
14,700	6,500	3,300
13,600	9,700	5,000

84th Ave NE		92nd Ave NE		Bellevue Way		108th Ave NE	
WB on ramp	WB exit	NB to WB on ramp	SB to WB on ramp	WB on ramp	WB exit	WB on ramp	WB exit
-54%	18%	-40%	-39%	-29%	2%		
2,600	4,500	2,100	3,100	2,200	12,600		
5,700	3,800	3,500	5,100	3,100	12,300		



8%	-30%	-43%
13,300	8,500	2,800
12,300	12,100	4,900
EB exit	EB on ramp	EB on ramp
Montlake Blvd	Lk Wa Blvd	



-47%	4%	-40%	3%
3,000	5,100	5,400	10,800
5,700	4,900	9,000	10,500
EB exit	EB on ramp	EB exit	EB on ramp
84th Ave NE	92nd Ave NE	Bellevue Way	108th Ave NE

SR 520 Tolling: Traffic Monitoring

I-90 Detail

Friday, January 6, 2012

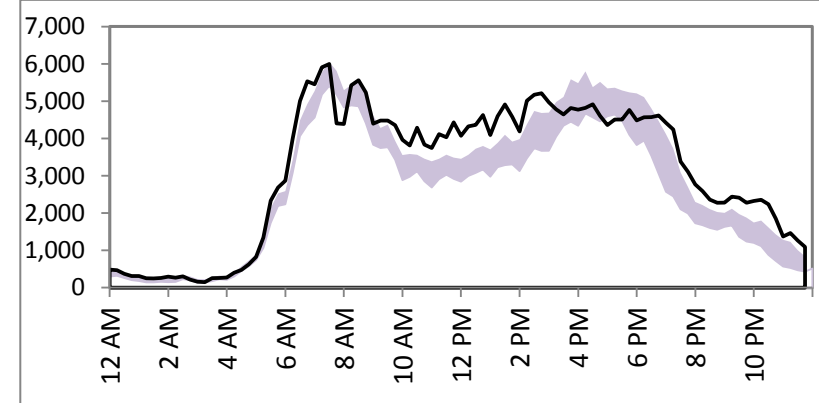
Mainline Volume



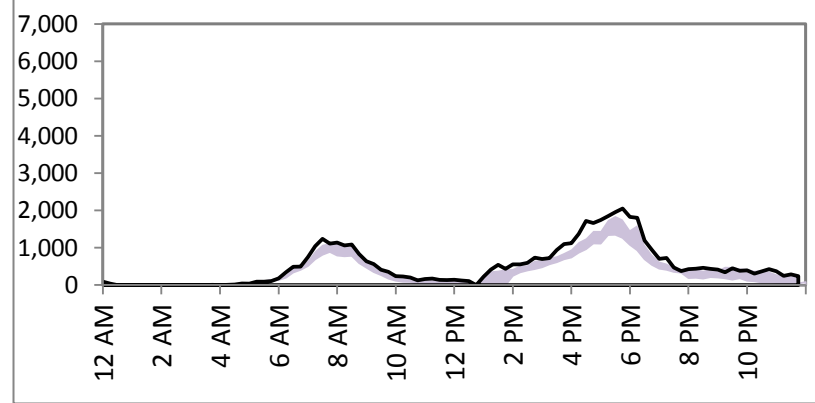
I-90 Bridge

WB	EB
15%	13%
78,900	78,400
68,800	69,100

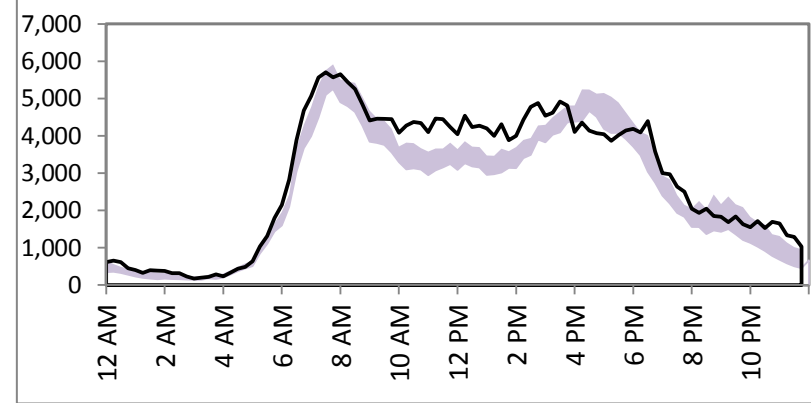
I-90 WB Bridge



I-90 REV Bridge



I-90 EB Bridge



Bellevue Way Ramp Volume

I-90 EB to Bellevue Way	Bellevue Way to I-90 WB
16%	15%
9,400	10,700
8,100	9,300

SR 520 Tolling: Traffic Monitoring

SR 522 Detail

Friday, January 6, 2012

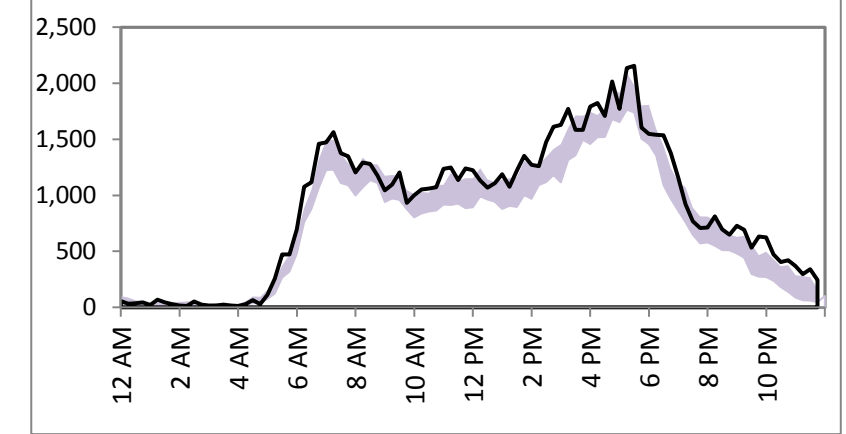
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Mainline Volume

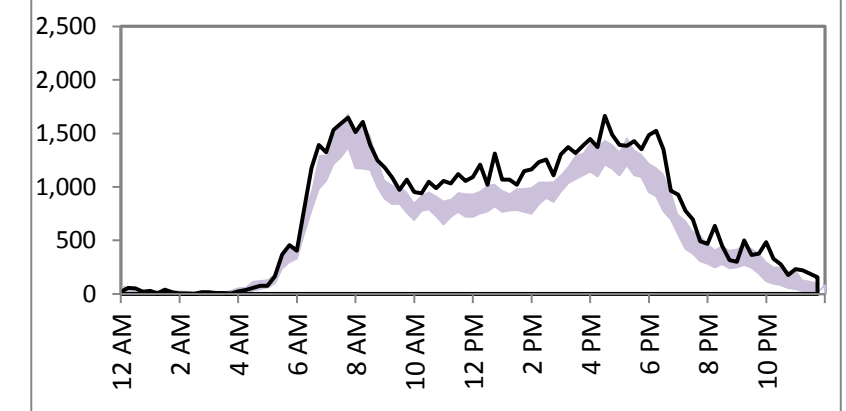


83rd PI NE	
WB	EB
13%	22%
21,300	18,500
18,900	15,200

SR 522 WB at 83rd Ave NE

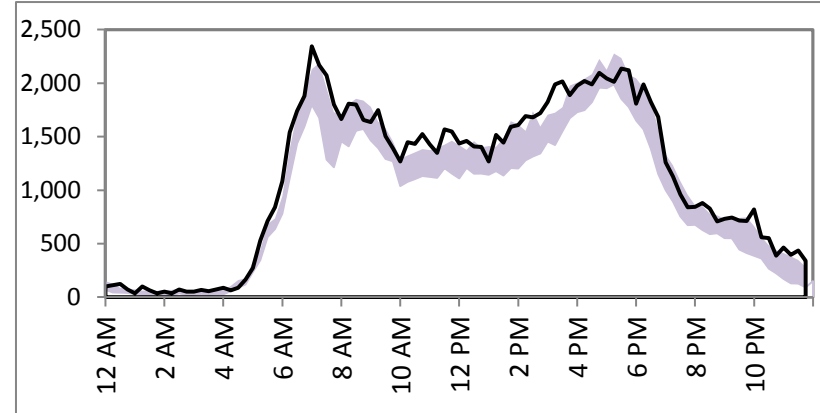


SR 522 EB at 83rd Ave NE



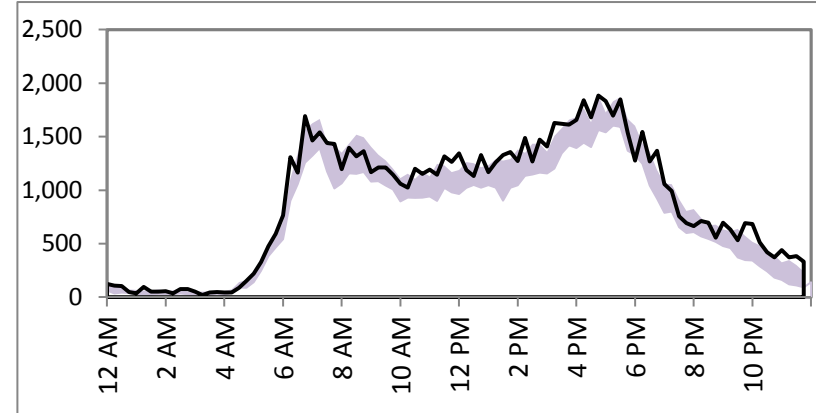
68th Ave NE	
WB	EB
12%	16%
26,800	19,300
24,000	16,700

SR 522 WB at 68th Ave NE



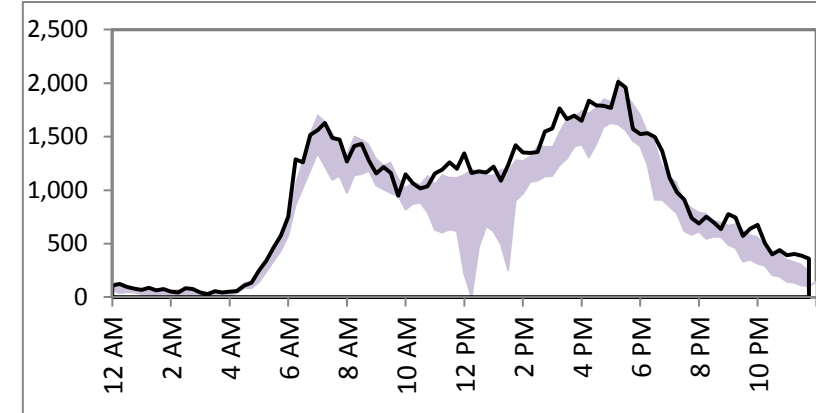
73rd Ave NE	
WB	EB
10%	16%
21,700	21,300
19,700	18,400

SR 522 WB at 73rd Ave NE



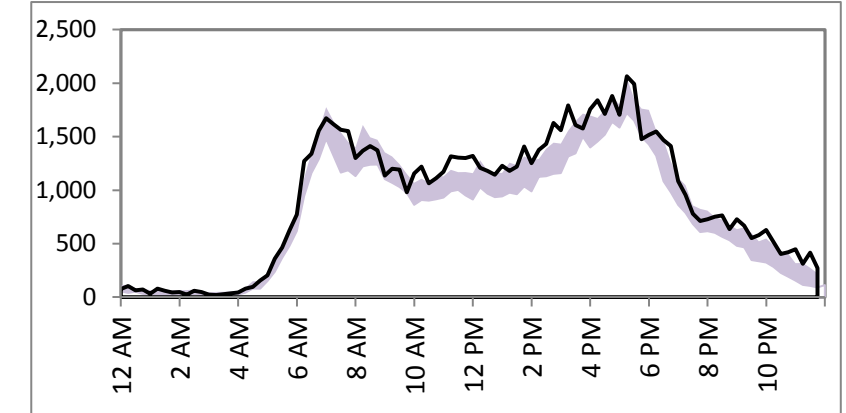
77th Ct NE	
WB	EB
10%	14%
22,100	21,200
20,100	18,600

SR 522 WB at 77th Ct NE

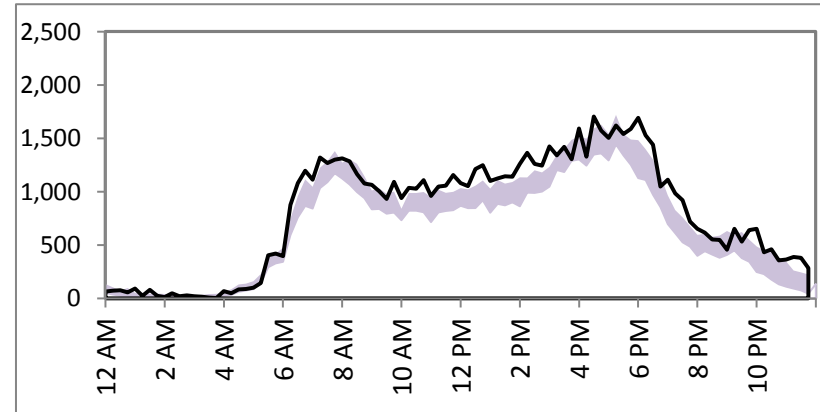


80th Ave NE	
WB	EB
11%	16%
22,200	20,600
20,000	17,800

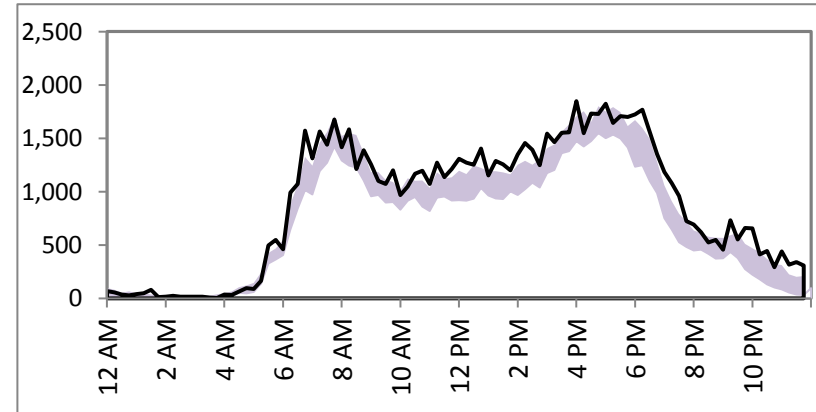
SR 522 WB at 80th Ave NE



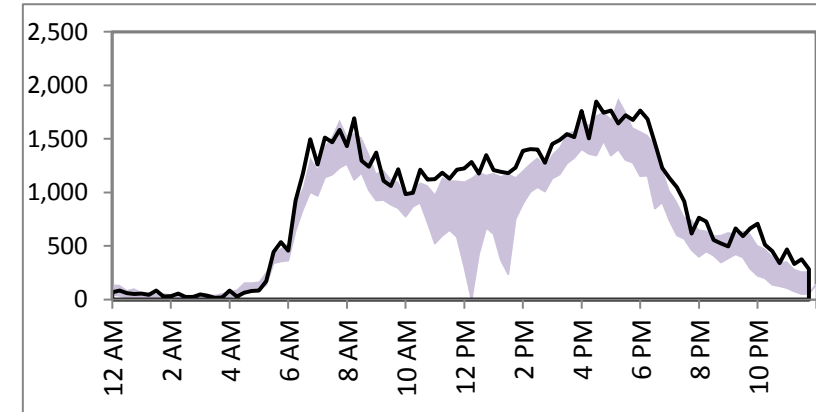
SR 522 EB at 68th Ave NE



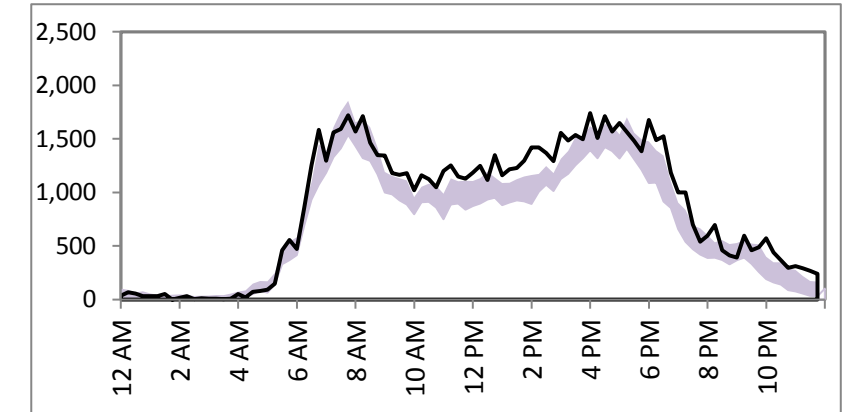
SR 522 EB at 73rd Ave NE



SR 522 EB at 77th Ct NE



SR 522 EB at 80th Ave NE

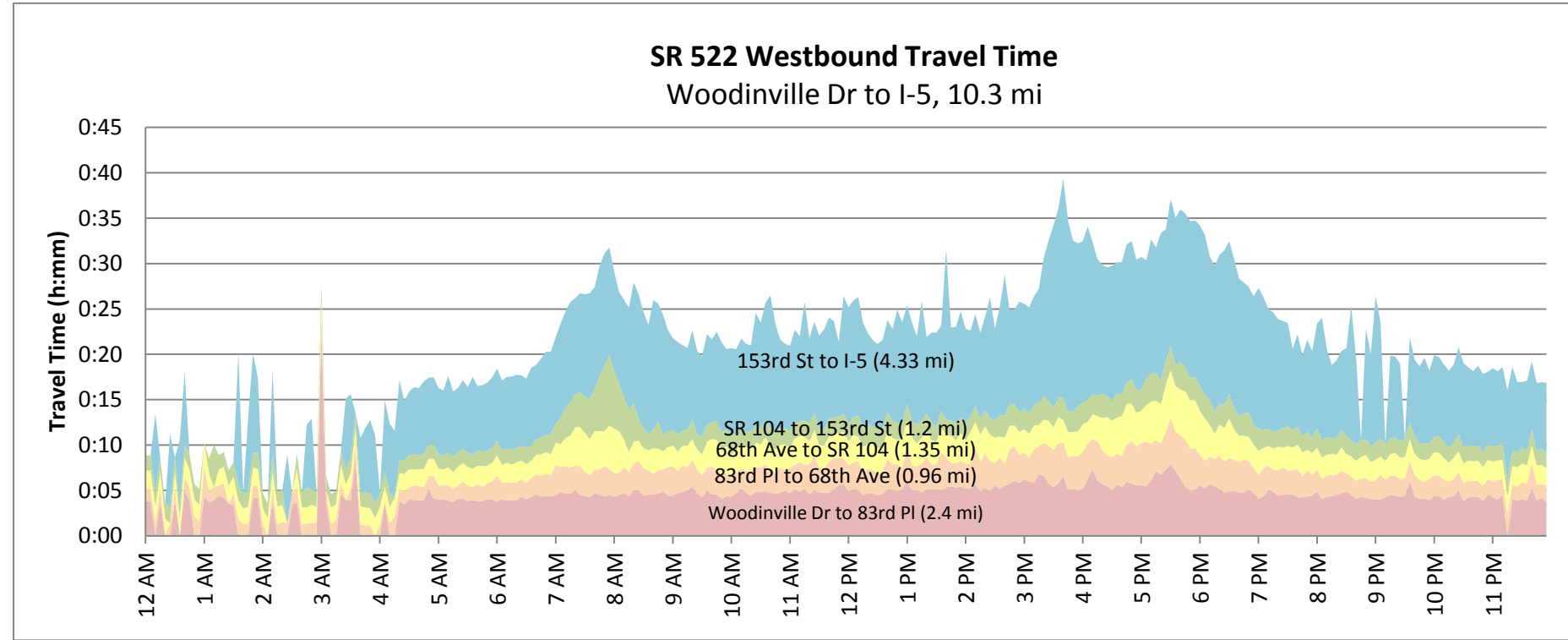


SR 520 Tolling: Traffic Monitoring

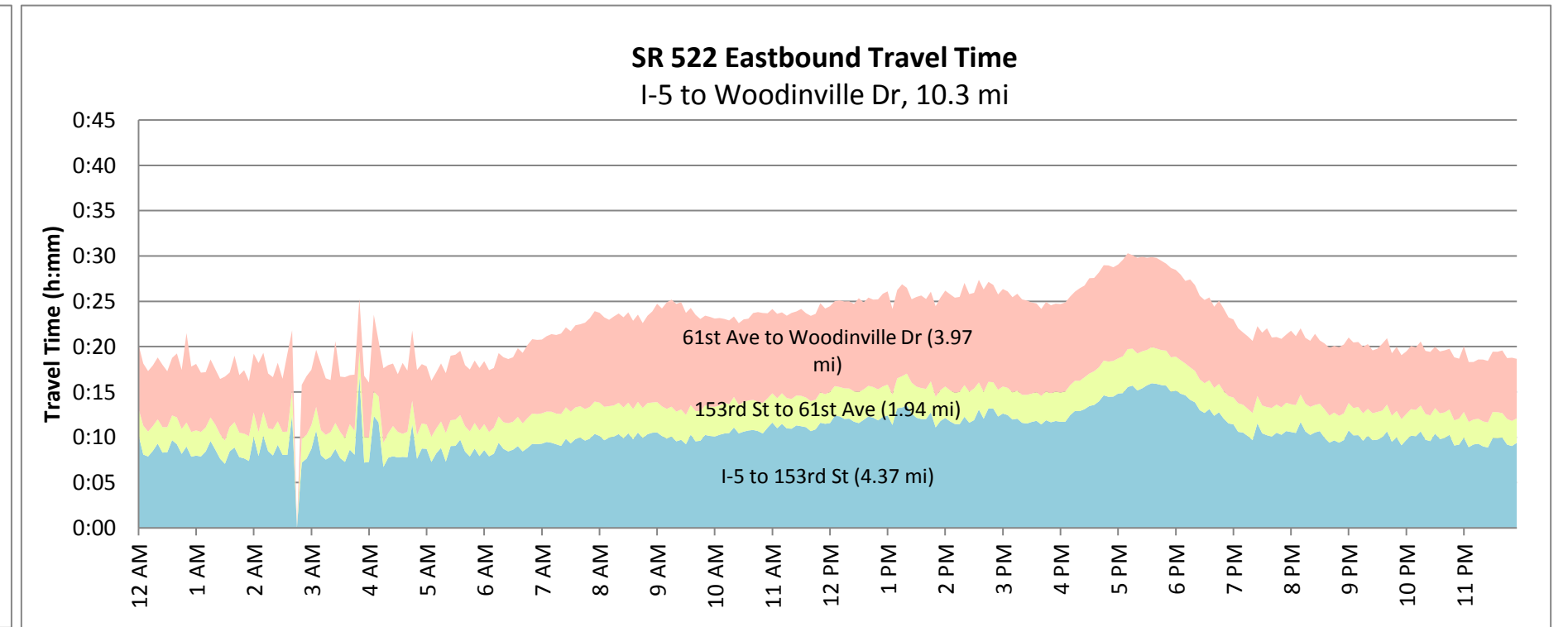
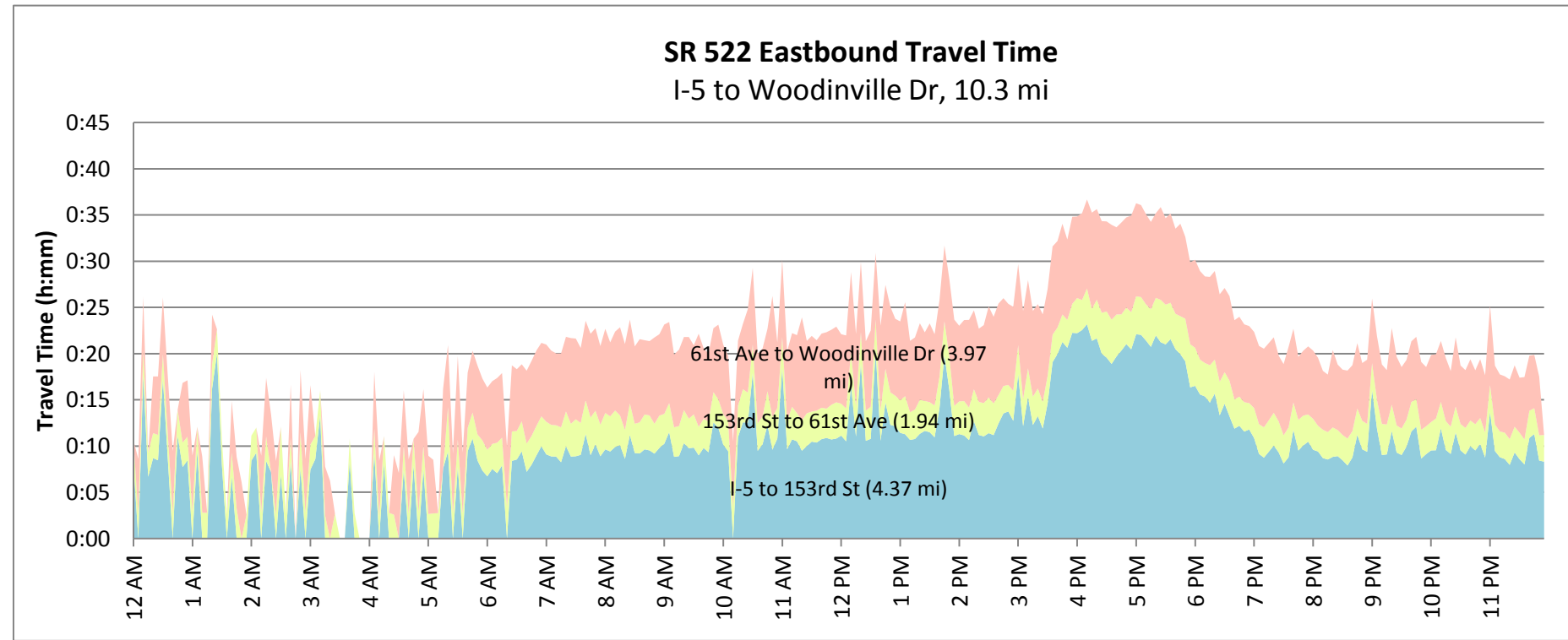
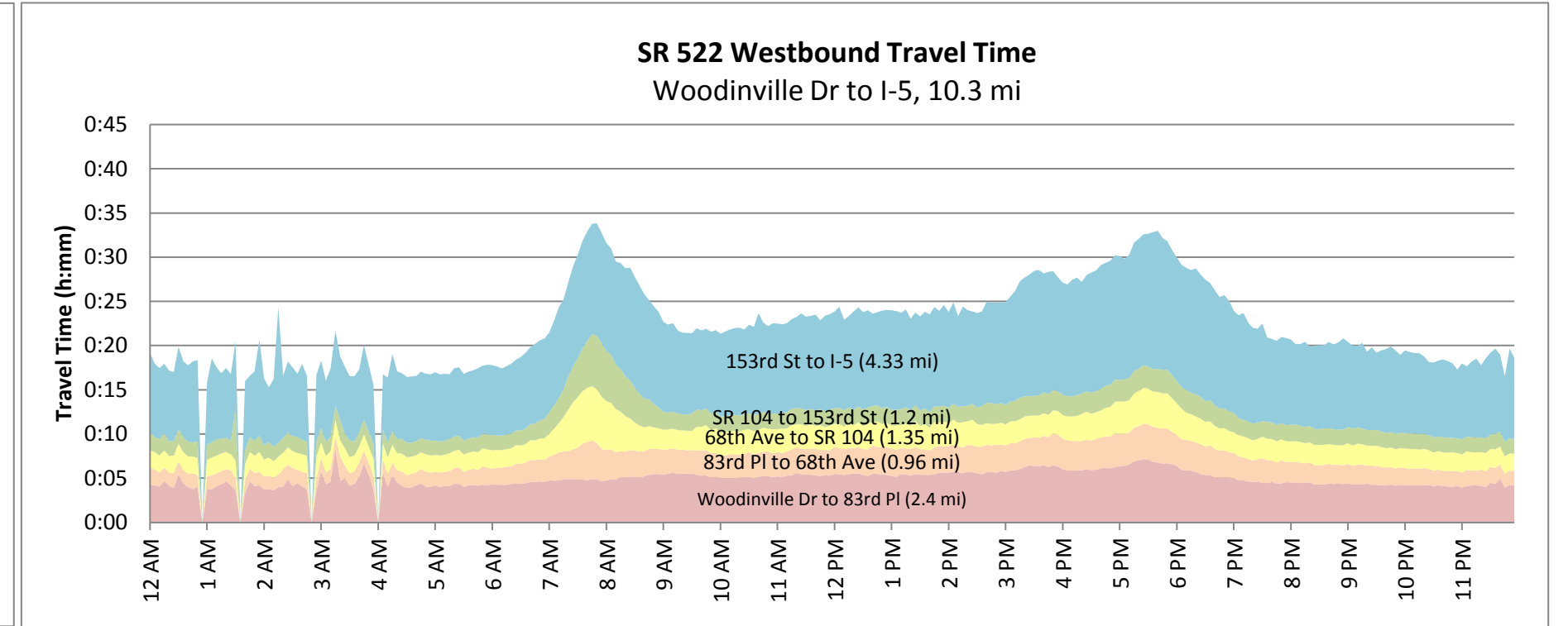
SR 522 Travel Times

Friday, January 6, 2012

1/6/2012



M-F, 10/29-11/18 & 11/26-12/16



Note: travel time data may be unavailable during time periods with low traffic volume